RESOUNDIFY

Fusion-CP6

Wired Control Touch Panel 10.1 inches, ARM architecture, up to 1.8Ghz main frequency

PRODUCT OVERVIEW

The **Fusion-CP6** is a high-performance wired control touch panel designed for advanced AV and smart control systems. Featuring a sleek 10.1-inch capacitive touch screen, it provides intuitive and responsive control for various applications including meeting rooms, smart classrooms, home automation, and centralized control centers.

Built on an ARM architecture processor with speeds of up to 1.8GHz, the Fusion-CP6 ensures smooth operation, fast response times, and reliable performance. Its elegant interface and flexible compatibility with multiple control systems make it a versatile solution for managing audio, video, lighting, HVAC, and other building automation functions with precision and ease.

KEY FEATURES

- **High-Performance Processing:** Equipped with a powerful ARM architecture processor running up to 1.8GHz, ensuring fast and stable system operation.
- **Modern Android Platform:** Runs on Android 9.0 or above, supporting third-party applications and enabling flexible system integration and secondary development.
- **Enhanced Memory & Storage:** Comes with 2GB DDR4 RAM and 8GB eMMC Flash, providing smooth multitasking and reliable storage capacity.
- **HD Touch Display:** Features a 10.1-inch capacitive multi-touch screen with 1280x800 resolution (16:10) for clear visuals and responsive interaction.
- **Flexible Power Options:** Supports both PoE (Power over Ethernet) and DC 24V/1A power supply, giving flexibility in installation.
- **Gigabit Network Connectivity:** Integrated 1 Gigabit Ethernet interface, supporting fast and reliable data transmission up to 1Gbps.
- **Efficient One-Line Connection:** Supports data and power transmission over a single PoE network cable, simplifying wiring and reducing clutter.
- **Embedded Installation Design:** Designed for standard base box installation with professional connectors, ensuring clean and secure mounting.
- **Industry Protocol Support:** Compatible with industry-standard network communication protocols, ensuring broad integration with smart systems.
- **Dual Power Support:** Operates on PoE or DC 12V for flexible power deployment.

APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

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TECHNICAL SPECIFICATIONS

System Specifications

CPU	Quad-core ARM architecture 1.8GHz
operating system	Android 9 and above
Memory	2GB DDR4 RAM
flash memory	8GB EMMC Flash
Resolution	1280*800
Touch Type	Capacitive touch
User Interface	Android tablet interface, customizable UI

Technical Specifications

LAN/PoE	1×RJ45 (10/100/1000Mbps), supports PoE
Debug Port	1×Micro USB (for debugging/data transfer)
RS-485	1×RS-485 interface (reserved function)
Reset Button	1×Reset (reserved function)
Power Button	1×Power (system on/off, screen on/off)
Power Supply	DC 12V/1A or PoE (IEEE 802.3af)
Power Consumption	≤ 7W

Mechanical Specifications

Front Panel	Touch screen, black color
Back Cover	Aluminum alloy shell, Apple gray color
Dimensions	245.4mm (L) × 164mm (W) × 27mm (T)
Weight	926 grams
Installation	Embedded/Wall mount with standard box
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Relative Humidity	10% ~ 90% RH (non-condensing)